



8. The process of claim 7 wherein screenings produced from screening the mixed liquor are flowed to the waste sludge.
9. The process of claim 7 wherein screenings produced from screening the mixed liquor are disposed of without further biological treatment.
10. The process of claim 1 wherein a polymer is added to the mixed liquor before passing the mixed liquor through the screen to produce screenings that are a thickened sludge.
11. The process of claim 1 wherein the average flow rate of the mixed liquor through the screen is about 0.10 to about 1.0 of the average design flow rate of the waste water treatment system.
12. The process of claim 11 wherein the average flow rate of the mixed liquor through the screen is not more than about half the average design flow rate of the waste water treatment system.
13. The process of claim 1 wherein the screen size opening is not more than about 1.0 mm.
14. The process of claim 13 wherein the screen size opening is about 0.25 mm to about 0.75 mm.
15. The process of claim 14 wherein the screen size opening is not more than about 0.50 mm.
16. The process of any one of claim 13 to 15 wherein the screen is a rotary drum screen.
17. The process of claim 16 wherein the screen has a dual sprayer system.
18. The process of claim 1 wherein the mixed liquor is passed through the screen at a substantially constant flow rate.

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